

**AMENDMENTS TO THE CLAIMS:**

Please amendment the claims as follows:

1. (Currently Amended) A method for the production of a powder ~~consisting~~ of a Cu(In,Ga)Se<sub>2</sub> compound,

~~characterized in that~~

it comprises the following steps:

- alloying Cu and at least one of In and/or Cu and Ga to form at least one of a CuIn alloy and/or and a CuGa alloy with a sub-stoichiometric fraction of Cu,
- producing a powder ~~consisting~~ of the CuIn and/or CuGa alloy,
- adding Se ~~as well as either and a~~ KI or NaI fluxing agent to the powder,
- heating ~~up~~ the mixture until a melt is formed in which the Cu(In,Ga)Se<sub>2</sub> recrystallizes and, at the same time, the powder particles to be produced grow,
- cooling off the melt in order to interrupt the growth of the particles.

2. (Currently Amended) The method according to Claim 1,

~~characterized in that comprising,~~

after the cooling off step, removing the KI or NaI is removed by means of dissolution with water.

3. (Currently Amended) The method according to ~~one or both of Claims~~ Claim 1 or ~~2~~,

~~characterized in that wherein~~

the ratio of the molar amount of Cu employed to the sum of the molar amount of In employed plus the molar amount of Ga employed lies between 0.8 and 1.

4. (Currently Amended) The method according to ~~one or more of the preceding~~  
~~claims~~ claim 1,

~~characterized in that wherein~~

the ratio of the molar amount of Ga employed to the molar amount of In employed  
lies between 0 and 0.43.

5. (Currently Amended) A mono-particle membrane solar cell, comprising a  
back contact, a mono-particle membrane, at least one semiconductor layer and a front  
contact,

~~characterized in that wherein~~

the mono-particle membrane contains a powder produced by a method according to  
~~one or more of Claims~~ claim 1 to 4.